

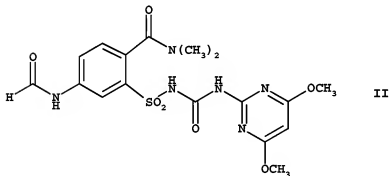
Amendments to the Claims:

This listing of claims will replace all prior versions, and listings, of claims in the application:

Listing of Claims:

Claims 1-33 (Cancelled)

34. (Previously presented) A synergistic herbicidal mixture comprising
- A) 4-[2-methyl-3-(4,5-dihydroisoxazol-3-yl)-4-methylsulfonyl-benzoyl]-1-methyl-5-hydroxy-1H-pyrazole or one of its environmentally compatible salts;
- and
- B) a synergistically effective amount of the compound of formula II



or one of its environmentally compatible salts.

35. (Currently amended) A synergistic herbicidal mixture as claimed in claim 34, further comprising component C

- C) at least one herbicidal compound from the group of the acetyl-CoA carboxylase inhibitors (ACC), acetolactate synthase inhibitors (ALS), amides, auxin herbicides, auxin transport inhibitors, carotenoid biosynthesis inhibitors, enolpyruvylshikimate 3-phosphate synthase inhibitors (EPSPS), glutamine synthetase inhibitors, lipid biosynthesis inhibitors, mitosis inhibitors, protoporphyrinogen IX-oxidase inhibitors, photosynthesis inhibitors, synergists, growth substances, cell wall biosynthesis inhibitors and a variety of other herbicides consisting of sulfonylurea, bentazone and triazine, wherein said sulfonylurea is selected from the group consisting of amidosulfuron, azimsulfuron, bensulfuron-methyl, chlorimuron-ethyl, chlorsulfuron, cinosulfuron, cyclosulfamuron, ethametsulfuron-methyl, ethoxysulfuron, flazasulfuron, halosulfuron-methyl, imazosulfuron, metsulfuron-methyl, nicosulfuron, primisulfuron-methyl, prosulfuron, pyrazosulfuron-ethyl, rimsulfuron, sulfometuron-methyl, thifensulfuron-methyl, triasulfuron, tribenuron-methyl, triflurosulfuron-methyl, N-[[[4-methoxy-6-(trifluoromethyl)-1,3,5-triazin-2-yl]amino]-carbonyl]-2-(trifluoromethyl)-benzenesulfonamide, sulfosulfuron or iodosulfuron and said triazine is selected from the group consisting of ametryn, atrazine, cyanazine, desmetryn, dimethamethryn, prometon, prometryn, propazine, simazine, simetryn, terbutometon, terbutryn, terbutylazine and trietazine.

37. (Canceled)
38. (Canceled)
39. (Currently amended) A synergistic herbicidal mixture as claimed in claim 36 comprising, as component C), a sulfonylurea ~~herbicidal compound from the group G2.~~
40. (Canceled)
41. (Canceled)
42. (Currently amended) A synergistic herbicidal mixture as claimed in claim ~~36~~ 35 comprising, as component C), a triazine or bentazone ~~herbicidal compound from the group C12.~~
43. (Currently amended) A synergistic herbicidal mixture as claimed in claim ~~37~~ 35 comprising, as component C), a triazine ~~from group C12.~~
44. (Previously presented) A synergistic herbicidal mixture as claimed in claim 35, comprising, as component C), atrazine.

45. (Previously presented) A synergistic herbicidal mixture as claimed in claim 35, comprising, as component C), bentazone.
46. (Canceled)
47. (Currently amended) A synergistic herbicidal mixture as claimed in claim 34, further comprising isoxadifen as component D

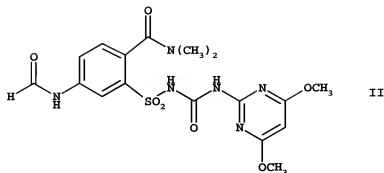
~~D) —a safener effective amount of at least one safener selected from the group consisting of isoxadifen, mefenpyr and fenchlorazol.~~

48. (Currently amended) A synergistic herbicidal mixture as claimed in claim 47, further comprising, as component C,
- C) ~~at least one herbicidal compound selected from the group consisting of acetyl-CoA carboxylase inhibitors (ACC), acetolactate synthase inhibitors (ALS), amides, auxin herbicides, auxin transport inhibitors, carotenoid biosynthesis inhibitors, enolpyruvylshikimate 3-phosphate synthase inhibitors (EPSPS), glutamine synthetase inhibitors, lipid biosynthesis inhibitors, mitosis inhibitors, protoporphyrinogen IX oxidase inhibitors, photosynthesis inhibitors, synergists, growth substances, cell wall biosynthesis inhibitors and a variety of other herbicide~~ one herbicidal compound from the group consisting of sulfonylurea, bentazone and triazine, wherein said sulfonylurea is selected

from the group consisting of amidosulfuron, azimsulfuron, bensulfuron-methyl, chlorimuron-ethyl, chlorsulfuron, cinosulfuron, cyclosulfamuron, ethametsulfuron-methyl, ethoxysulfuron, flazasulfuron, halosulfuron-methyl, imazosulfuron, metsulfuron-methyl, nicosulfuron, primisulfuron-methyl, prosulfuron, pyrazosulfuron-ethyl, rimsulfuron, sulfometuron-methyl, thifensulfuron-methyl, triasulfuron, tribenuron-methyl, triflurosulfuron-methyl, N-[[[4-methoxy-6-(trifluoromethyl)-1,3,5-triazin-2-yl]amino]-carbonyl]-2-(trifluoromethyl)-benzenesulfonamide, sulfosulfuron or iodosulfuron and said triazine is selected from the group consisting of ametryn, atrazine, cyanazine, desmetryn, dimethamethryn, prometon, prometryn, propazine, simazine, simetryn, terbumeton, terbutryn, terbutylazine and trietazine.

49. (Previously presented) A synergistic herbicidal mixture as claimed in claim 34, wherein component A) and B) are present in a weight ratio of 1:0.001 to 1:500.
50. (Previously presented) A synergistic herbicidal mixture as claimed in claim 35, wherein component A) and component C) are present in a weight ratio of 1:0.002 to 1:800.
51. (Previously presented) A synergistic herbicidal mixture as claimed in claim 47, wherein component A) and component D) are present in a weight ratio of 1:0.002 to 1:800.

52. (Previously presented) A herbicidal composition comprising a herbicidally active amount of a synergistic herbicidal mixture of claim 59, and at least one inert liquid and/or solid carrier therefor.
53. (Previously presented) A process for preparing a herbicidal composition of claim 52, comprising mixing together component A) component B) if desired, component C) if desired, component D), and at least one inert liquid and/or solid carrier therefor.
54. (Currently amended) A method of controlling undesired vegetation, comprising applying simultaneously or separately to said vegetation, the environment of said vegetation and/or seeds of said vegetation
- A) 4-[2-methyl-3-(4,5-dihydroisoxazol-3-yl)-4-methylsulfonyl-benzoyl]-1-methyl-5-hydroxy-1H-pyrazole.
- or one of its environmentally compatible salts; and
- B) a synergistically effective amount of the compound of formula II



or one of its environmentally compatible salts;

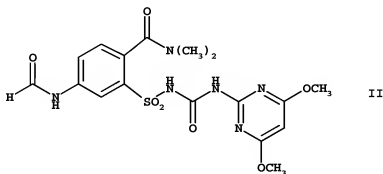
and, if desired,

G)—at least one herbicidal compound from the group of the acetyl-CoA carboxylase inhibitors (ACC), acetolactate synthase inhibitors (ALS), amides, auxin herbicides, auxin transport inhibitors, carotenoid biosynthesis inhibitors, enolpyruvylshikimate 3-phosphate synthase inhibitors (EPSPS), glutamine synthetase inhibitors, lipid biosynthesis inhibitors, mitosis inhibitors, protoporphyrinogen IX oxidase inhibitors, photosynthesis inhibitors, synergists, growth substances, cell wall biosynthesis inhibitors and a variety of other herbicides;

and, if desired,

D)—a safening effective amount of at least one safener selected from the group of isoxadifen, mefenpyr and fenchlorazol;
or an environmentally compatible salt or ester thereof.

55. (Previously presented) The method of claim 54, wherein leaves of the undesired vegetation are treated.
56. (Canceled)
57. (Canceled)
58. (Previously presented) The composition of claim 52, wherein the composition further comprises at least one surfactant.
59. (Previously presented) A synergistic herbicidal mixture comprising
- A) 4-[2-methyl-3-(4,5-dihydroisoxazol-3-yl)-4-methylsulfonyl-benzoyl]-1-methyl-5-hydroxy-1H-pyrazole or one of its environmentally compatible salts;
- or one of its environmentally compatible salts;
- and
- B) a synergistically effective amount of the compound of formula II



or one of its environmentally compatible salts;

and, if desired,

- C) at least one herbicidal compound from the group consisting of sulfonylurea, bentazone and triazine, wherein said sulfonylurea is selected from the group consisting of amidosulfuron, azimsulfuron, bensulfuron-methyl, chlorimuron-ethyl, chlorsulfuron, cinosulfuron, cyclosulfamuron, ethametsulfuron-methyl, ethoxysulfuron, flazasulfuron, halosulfuron-methyl, imazosulfuron, metsulfuron-methyl, nicosulfuron, primisulfuron-methyl, prosulfuron, pyrazosulfuron-ethyl, rimsulfuron, sulfometuron-methyl, thifensulfuron-methyl, triasulfuron, tribenuron-methyl, triflurosulfuron-methyl, N-[[[4-methoxy-6-(trifluoromethyl)-1,3,5-triazin-2-yl]amino]-carbonyl]-2-(trifluoromethyl)-benzenesulfonamide, sulfosulfuron or iodiosulfuron and said triazine is selected from the group consisting of ametryn, atrazine, cyanazine, desmetryn, dimethamethryn, prometon, prometryn, propazine, simazine, simetryn, terbumeton, terbutryn, terbutylazine and trietazine of the acetyl-CoA carboxylase inhibitors (ACC), acetolactate synthase inhibitors (ALS), amides, auxin herbicides, auxin transport inhibitors, carotenoid biosynthesis inhibitors, enolpyruvylshikimate 3-phosphate synthase inhibitors (EPSPS), glutamine synthetase inhibitors, lipid biosynthesis inhibitors, mitosis inhibitors, protoporphyrinogen IX oxidase inhibitors, photosynthesis inhibitors,

~~synergists, growth substances, cell wall biosynthesis inhibitors and a variety of other herbicides;~~

and, if desired,

- D) a safening effective amount of ~~at least one safener selected from the group of isoxadifen, mefenpyr and fenchlorazol;~~
or an environmentally compatible salt or ester thereof.

60. (New) The method according to claim 54, further comprising components

- C) at least one herbicidal compound from the group consisting of sulfonylurea, bentazone and triazine, wherein said sulfonylurea is selected from the group consisting of amidosulfuron, azimsulfuron, bensulfuron-methyl, chlorimuron-ethyl, chlorsulfuron, cinosulfuron, cyclosulfamuron, ethametsulfuron-methyl, ethoxysulfuron, flazasulfuron, halosulfuron-methyl, imazosulfuron, metsulfuron-methyl, nicosulfuron, primisulfuron-methyl, prosulfuron, pyrazosulfuron-ethyl, rimsulfuron, sulfometuron-methyl, thifensulfuron-methyl, triasulfuron, tribenuron-methyl, triflusaluron-methyl, N-[[[4-methoxy-6-(trifluoromethyl)-1,3,5-triazin-2-yl]amino]-carbonyl]-2-(trifluoromethyl)-benzenesulfonamide, sulfosulfuron or iodosulfuron and said triazine is selected from the group consisting of ametryn, atrazine, cyanazine, desmetryn, dimethamethryn, prometon, prometryn, propazine, simazine, simetryn, terbumeton, terbutryn, terbutylazine and trietazine; and

D) a safening effective amount of isoxadifen or an environmentally compatible salt or ester thereof.

61. (New) The method of claim 60, wherein at least two of component A), component B), component C), and component D are applied in the form of a mixture.
62. (New) The method of claim 60, wherein the components A), B), C) and D) are applied separately.